

Work Order ID 102357

\*102357\*

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May-28-13 8:43:09 AM

Item ID: D2372-1

Accept

\*N900040100\*

Setup

Start

\*NS1\*

Revision ID:

Stop

\*NS2\*

Item Name: Cam Lever

Start Date: 5/30/13 Start Qty: 12.00

\*12\*

Cust Item ID:

Required Date: 5/30/13 Req'd Qty: 12.00

\*12\*

Customer:

Reference:

Approvals:

Process Plan: MJS

Date: 13-05-29

Tooling:

Date:

Run

Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2372	B								
100		0.00							
*100*	PURCHASING								
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>P020036</u>								
	Possible Supplier: Reid Tools								
	Supplier part#: KCL-208								
	C OF C is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
*110*									
Packaging	Memo	0.00							
Packaging									
120	QC6- Inspect dimensions to drawing	0.00							
*120*									
QC	Memo	0.00							
Quality Control									

DAS  
27

1367

1Q

SP  
13-07

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS								
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>							
Part No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>							
NCR No. _____			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>							
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Operator <input type="checkbox"/> Material <input type="checkbox"/> Setup <input type="checkbox"/> Other <input type="checkbox"/> Process <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Unapproved <input type="checkbox"/>														
FAULT CATEGORY														
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube					<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	

**Work Order ID 102357**

May-28-13 8:43:09 AM

**\*102357\***

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Item ID:	D2372-1	Accept	<b>*N900040100*</b>	Setup	Start	<b>*NS1*</b>	
Revision ID:					Stop	<b>*NS2*</b>	
Item Name:	Cam Lever						
Start Date:	5/30/13	Start Qty:	12.00	<b>*12*</b>	Cust Item ID:		
Required Date:	5/30/13	Req'd Qty:	12.00	<b>*12*</b>	Customer:		
Reference:							
Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	<b>*NR1*</b>
	QC:	Date:	SPC (Y/N):	Date:	Stop		<b>*NR2*</b>

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 <b>*130*</b> Packaging	Identify as per dwg & Stock Location: GA	0.00				12x			SP 13-6-7
	Memo	0.00							
140 <b>*140*</b> QC	QC21- Final Inspection - Work Order Release	0.00				13/6/10			MF 13-6-10
	Memo	0.00							

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

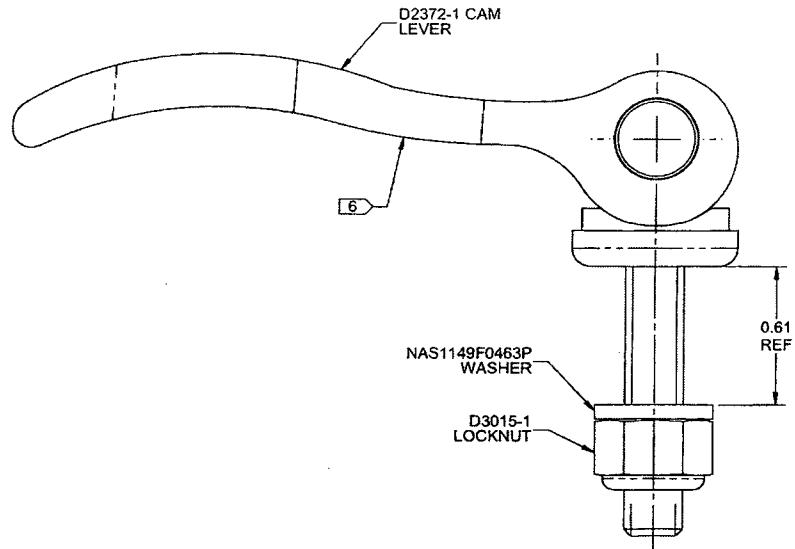
**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS								
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>							
Part No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>							
NCR No. _____			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>							
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector				
Doc/Data														
Equip/Tooling														
Operator														
Material														
Setup														
Other														
Process														
Supplier														
Training														
Unapproved														
FAULT CATEGORY														
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube					<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	

ITEM	QTY	PART NUMBER	DESCRIPTION
	X	D2372	QUICK RELEASE
1	1	D2372-1	CAM LEVER
2	1	D3015-1	LOCKNUT
3	1	NAS1149F0463P	WASHER

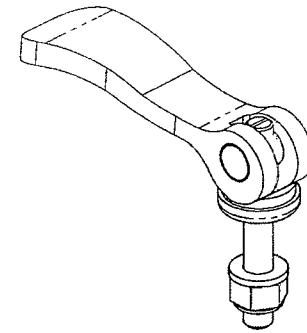
## SPECIFICATION CONTROL DRAWING



D2372 QUICK RELEASE

NOTES:

- 1) MATERIAL: SEE SHEET 2
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D2372" AND B/N "BXXXXX" PER DART QSI 044 6.5 (LABEL)
- 7) WEIGHT: 0.11 lbs



SUPER COPY  
PLATE 1  
EXACT SIZE  
UNCONTROLLED COPY  
SUBJECT TO CHANGE  
VITRONIC ICE

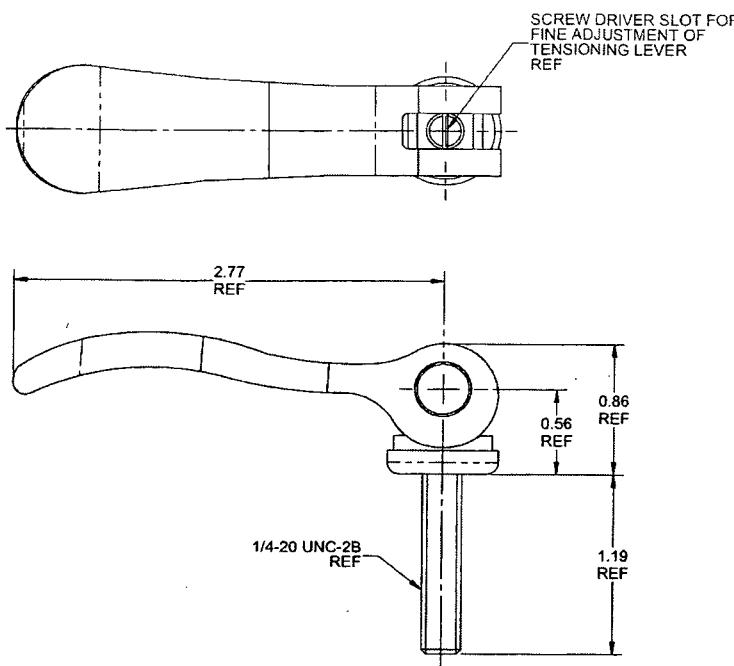
NO. 102357 MLJ  
13-05-29

RELEASED  
2012-02-06  
JW

B	RE-DRAWN IAW QSI 0431044; SUPPLIER AND SUPPLIER PIN WERE "NORCO" AND "25-5129-01". REF: PART12-159.		MB	12.01.31
A	NEW ISSUE		BW	95.02.24
REV.	DESCRIPTION		BY	DATE
DESIGN	BW	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
DRAWN		DRAWING NO.	REV. B	
CHECKED		D2372	SHEET 1 OF 2	
MFG. APPR.		APPROVED	SCALE	NTS
DE APPR.		DATE	12.01.31	COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT'S NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PROVIDED WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

102357

# SPECIFICATION CONTROL DRAWING

**D2372-1 CAM LEVER**

**NOTES:**

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: SEE TABLE

DART PART NUMBER	DESCRIPTION	SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	WEIGHT
D2372-1	CAM LEVER	REID TOOLS (PREFERRED) McMASTER-CARR (ALTERNATE)	KCL-208 5720K52	HANDLE: ALUMINUM CAM WASHER: NYLON THREADED STUD, PIN, CAP WASHER: STAINLESS STEEL	0.10 lbs

RELEASED  
2012-02-06  
*[Signature]*

DESIGN	BW	<b>DART AEROSPACE LTD</b>	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	REV. B	
MFG. APPR.	<i>[Signature]</i>	DRAWING NO. D2372 SHEET 2 OF 2	
APPROVED	<i>[Signature]</i>	TITLE SCALE	
DE APPR.	<i>[Signature]</i>	NTS	
DATE	12.01.31	COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



2265 Black Creek Road  
Muskegon, MI 49444-2684  
Phone: 231-777-3951  
1-800-253-0421 (Outside MI)  
Fax: 800-438-1145



P03147800928028

**Bill To:** DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
CANADA

**Ship To:** DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
CANADA

CUSTOMER NO.	CUSTOMER PO#	ORDER #	SHIPPED VIA	SHIP DATE
45215650	PO20036	928028	EXIP FedEx International Priority	05/31/1
ORD LN	Item	Description	Order Quantity	Pick Quantity
1	KCL-208	2.77 SS ADJ CAM LEVER 1/4-20 X	.012	.012
2	BLRS-010A	1/4 X 1 SS BL PIN	.020	.020

*8/13/07*

This is to certify that the above material shipped against your purchase order is in conformance with all known requirements, specifications and drawings in effect at the time of manufacture. All applicable physical, functional, dimensional and material test reports are on file at our facility, and may be inspected by your representative upon request.



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO20036

Purchase Order Date 5/30/2013

PO Print Date 5/31/2013

Page Number 1 of 1

Order From : VU-REI001

REID TOOL SUPPLY CO.  
PO BOX 179  
MUSKEGON,, MI 494430179  
US

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	USD
	FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

FAXED  
FAXED

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	KCL-208	Cam Lever	6/7/2013 Yes	12.00 Each	FedEx PI collect	\$20.7200	\$248.64

Special Inst: MANUFACTURE AS PER DRAWING  
D2372 REV B  
BATCH 102357

CERTIFICATE OF CONFORMANCE  
REQUIRED

2	BLRS-010	Pip Pin	6/7/2013 Yes	20.00 Each	FedEx PI collect	\$18.2400	\$364.80
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PO Total: \$613.44

SP13-67

*N* *CD*

No substitution or deviation without consent.  
Certificate of Conformity or Material Certification required - YES NO

Change Nbr: - 2 - Change Date: 5/31/2013